

**PATENT**  
Docket No. 395/35

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor : Gerard M. HOUSEY  
Serial No. : 09/510,562  
Filing Date : February 22, 2000  
For: : METHOD FOR SCREENING FOR PROTEIN  
INHIBITORS AND ACTIVATORS  
Examiner : Saunders, David A.  
Art Unit : 1643

Assistant Commissioner for Patents  
Washington D.C. 20231

**SECOND PRELIMINARY AMENDMENT**

Sir:

Prior to examination, kindly amend the above-identified application as follows:

**IN THE CLAIMS:**

Please cancel Claims 31 and 32 without prejudice.

Please add the following claims:

11 33. A method of determining whether a chemical agent that directly interacts with an enzyme is an inhibitor or activator of that enzyme whose production by a cell evokes a responsive change in a phenotypic characteristic of the cell, other than the level of said enzyme in said cell per se, which comprises:

(a) providing a first mammalian cell line which produces said enzyme and exhibits said phenotypic response to the enzyme;